

The 3rd Alliance of Molar Incisor Hypomineralization (MIH) Investigation and Treatment (AMiT)

New Trends, Evolving Disciplines & Active Learning

10-13 February 2027 | Vienna, Austria

Preliminary Program

As of 23 August 2026

Wednesday, 10 February 2027

07:30-17:30	Registration
08:45-17:30	Master Course on New Paradigms for Management of Immature Inflamed Pulp in Primary and Young Permanent Molars (2 Coffee Breaks and Light Lunch Included)
14:00-18:00	Hands-On Workshop by GC (Parallel to Master Course)
18:00-19:00	Welcome Reception (For all Paid Participants)

Thursday, 11 February 2027

08:00-18:00	Registration
08:30-10:00	OPENING SESSION UPDATE: LOOKING BACK LOOKING AHEAD Chairs: Katrin Bekes, Elias Berdouses, Monty Duggal, Roland Frankenberger, David Manton
08:30	Welcome Remarks Short Report on AMiT 2022, 2024 & Synopsis of AMiT 2027 <u>Katrin Bekes</u> , Austria & <u>Roland Frankenberger</u> , Germany
09:00	Keynote Lecture: Looking Back <u>Karin Weerheijm</u> , The Netherlands
09:20	Overview & Looking Forward <u>Elias Berdouses</u> , Greece; <u>Monty Duggal</u> , UK & <u>Roland Frankenberger</u> , Germany

10:00-10:30 Coffee Break with Light Bites

Exhibition Area

10:30-11:30	Session 1: NEW STANDARDS IN MIH DIAGNOSTICS AND TREATMENT CONCEPTS MOLARS	
10:30	New Diagnostic-Tools for MIH-Teeth <u>Jan Kuenisch</u> , Germany	
11:00	Current Concepts of Treating Molars: An Overview <u>Fabricio Kitazono de Carvalho</u> , Brazil	
11:30-12:30	Session 2: NEW STANDARDS IN MIH DIAGNOSTICS AND TREATMENT CONCEPTS ANTERIOR TEETH	
11:30	INTERACTIVE SESSION Managing Incisor MIH: What, When and How - Where is the Evidence? <u>Katrin Bekes</u> , Austria; <u>David Manton</u> , The Netherlands & <u>Omar Marouane</u> , Tunisia	
12:30-13:30	Lunch Break	Exhibition Area
13:30-14:30	SESSION 3: NEW PERSPECTIVES ON MIH ETIOLOGY RESEARCH	
13:30	MIH Etiology: What, Where and How to Search Further? <u>Nick Lygidakis</u> , Greece	
14:00	TBA <u>Jan Kuenisch</u> , Germany	
14:30 -15:30	SESSION 4: INDUSTRY SYMPOSIUM Sponsored by DMG MIH Revisited: Contemporary Approaches to Diagnosis and Treatment Planning <u>Falk Schwendicke</u> & <u>Susanne Effenberger</u> , Germany	
15:30-15:45	Coffee Break with Light Bites	Exhibition Area
15:45-17:30	SESSION 5: FREE COMMUNICATIONS (ABSTRACTS)	
15:45	Adhesive Restorations after Vital Pulp Therapy in Severely Affected Molars with MIH <u>Aldo Ivan Guzman de Hoyos</u> , Mexico	
15:55	Global Prevalence of Molar–Incisor Hypomineralisation Diagnosed Using Ghanim et al. (2015) Criteria: A Systematic Review <u>Mesaf Brejawi</u> , UAE	
16:05	Knowledge and Treatment Strategies for Molar Incisor Hypomineralization Among Portuguese Dentists: A Cross-Sectional Survey <u>Ana Norton</u> , Portugal	
16:15	Molar Incisor Hypomineralisation in Schoolchildren: Asymmetric and Symmetric Patterns and Their Impact on Mastication-Related Quality of Life <u>Julia Carrer Hallak</u> , Brazil	
16:25	Global, Regional, and Sex-Specific Prevalence of Molar Incisor Hypomineralization: A Systematic Review and Meta-Analysis <u>Marta Mazur</u> , Italy	

- 16:35 Environmental Toxicants as Potential Contributors to Developmental Enamel Defects
Katia Jedeon, France
- 16:45 Effect of Carbamide Peroxide Bleaching on Protein Content in Artificial MIH-Like Enamel Lesions
Alan Leon Sinanovic, Germany
- 16:55 Low-Dose Exposures to Endocrine-Disrupting Chemicals Alter Enamel Development in a Sex-Specific Manner
Sylvie Babajko, France
- 17:05 Optimising Local Anaesthesia for Molar Incisor Hypomineralisation: A Randomised Controlled Comparison of Combined Infiltration–Intraosseous Injection and Inferior Alveolar Nerve Block
Marwa Baraka, Egypt
- 17:15 Decoding Molar Incisor Hypomineralization (MIH) Etiology: The Genetic – Environmental Interplay
Valentina Luppi, Italy

20:00-22:30 **Networking Experience (Optional)**

Friday, 12 February 2027

08:00-18:00 Registration

09:00-10:30 SESSION 6: PULP TREATMENT AND MIH (DIRECT CAPPING & PULPOTOMY)

09:00 Vital Pulp Therapy in Young Permanent Teeth: Pulpotomy as a Predictable endodontic Strategy in the MIH Era

Georg Benjamin, Germany

09:30 Children with MIH Deserve Vital Pulp: Solving Complex Clinical Challenges

Jorge Casian, Mexico

10:00 Clinical Decision Pathways in MIH: A Continuum from Minimally Invasive to Pulp Therapy

Ola Al-Batayneh, Jordan

10:30-11:00 Coffee Break with Light Bites

Exhibition Area

11:00-12:30 SESSION 7: FIGHTING HYPERSENSITIVITIES

11:00 Unmasking the Sensitivity: Why MIH Teeth Hurt

Greig Taylor, UK

11:30 The MIH Dental Hypersensitivity Tool

Joana Monteiro, UK

12:00 Cracking the Sensitivity Code: Effective Management of Hypersensitive MIH Teeth

Katrin Bekes, Austria

12:30-13:30 Lunch Break

Exhibition Area

13:30-15:00 SESSION 8: FREE COMMUNICATIONS (ABSTRACTS)

13:30 From Clinical Questions to Community Care: An Integrated Research, Education and Clinical Care Model for Children with MIH

Fabricio Kitazono de Carvalho, Brazil

13:40 Clinical Comparison of CAD/CAM Nanohybrid Composite and Hybrid Ceramic Overlays in MIH-Affected First Permanent Molars in Children: A Split-Mouth Randomized Clinical Trial

Alp Akça, Türkiye

13:50 Does Atraumatic Restorative Treatment Modify the Preferred Chewing Side in Children with Unilateral MIH?

Tatiana Azevedo Pecego, Brazil

14:00 Long-Term Changes in Pulpal Oxygen Saturation Following Resin Infiltration in Permanent Incisors Affected by Molar Incisor Hypomineralisation: An 18-Month Prospective Clinical Study

Thalia Carvalho de Almeida dos Santos, Brazil

14:10 Understanding of Molar Incisor Hypomineralisation Among Dental Students: A Pilot Study

Seray Sahin, Türkiye

14:20	Reports of Bullying in Children with Developmental Enamel Defects: A Case Series <u>Maria Julia Delsin Gallo</u> , Brazil	
14:30	Can a New Silicon-Enriched Toothpaste Reduce Hypersensitivity in MIH Patients? A Randomized Clinical-Trial <u>Marco Paschoal</u> , Australia	
14:40	60-Month Clinical Performance of Glass Hybrid and Short Fiber-Reinforced Composite Restorations in MIH-Affected First Permanent Molars: A Split-Mouth Study <u>Nur Kodaman Dokumacigil</u> , Turkiye	
14:50	TBA	
15:00-15:30	Coffee Break with Light Bites	Exhibition Area
15:30-17:00	SESSION 9: PAIN MANAGEMENT: PREMEDICATION, LOCAL ANESTHESIA & TECHNIQUES	
15:30	Pain-Management for Children and Adults <u>Jan De Laffolie</u> , Germany	
16:00	Pain-Management in Children with MIH: Medications and Techniques for Pain-Free, Gentle Treatment <u>Monty Duggal</u> , UK	
16:30	Intraosseous Anesthesia an Effective Alternative Local Anesthesia Technique <u>Elias Berdouses</u> , Greece	
17:00-18:00	RAPID POSTER PRESENTATIONS Each poster will be presented as an oral presentation for 3 minutes	
20:00-23:00	Gala Dinner (Optional)	

Saturday, 13 February 2027

08:00-14:00 Registration

08:30-09:30 RAPID POSTER PRESENTATIONS

Each poster will be presented as an oral presentation for 3 minutes

09:30-10:30 SESSION 10: ARTIFICIAL INTELLIGENCE AND MIH

09:30 AI for Caries Diagnostics using Radiographic Imaging and Intraoral Scanning with Special Emphasis on MIH
Michael Bornstein, Switzerland

10:00 Practical and Ethical Aspects of Medical AI
Jan De Laffolie, Germany

10:30-11:00 Brunch Break

Exhibition Area

11:00-12:00 SESSION 11: AESTHETICS AND MIH

11:00 Adhesive Anterior Restorations: Direct vs. Indirect
Roland Frankenberger, Germany

11:30 Principles of Direct Anterior Restorations: Evidence-based Clinical Updates for Minimally Invasive Dentistry
Bora Korkut, Turkiye

11:00-13:30 Closing Session: Interactive Session & Awards

12:40 Interactive Presentation

13:10 Awards for Best Oral and Poster Papers

13:25 Closing of AMIT 2027

POSTER PRESENTATIONS

Preliminary List

Friday, 12 February 2027

1. Comprehensive Management of a 10-Year-Old Patient with Molar Incisor Hypomineralization: A Case Report
Seyma Abdulrezzak, Turkiye
2. Management of MIH-Affected First Permanent Molars: A 3-Year Follow-Up Case Report
Neslihan Atmaca, Turkiye
3. Minimally Invasive Management of Molars Affected by Molar Incisor Hypomineralization with Post-Eruptive Breakdown: A Case Series
Thalia Carvalho de Almeida dos Santos, Brazil
4. Stepwise Minimally Invasive Management of Hypomineralized Enamel Lesions in a Pediatric Patient
Andrea Culcean, Romania
5. 18 Months Follow-Up of Bullying and Oral Health-Related Quality of Life After Resin Infiltration in Children with Molar-Incisor Hypomineralization
Maria Julia Delsin Gallo, Brazil
6. MTA Pulpotomy and Indirect Restorative Management in Young Permanent Molars with Molar Incisor Hypomineralization (MIH): A 5-Year Case Follow-up
M. Dilsah Demiray, Turkiye
7. Minimally Invasive Therapeutic Approach in a Complex Case of Enamel Defects
Ana Norton, Portugal
8. Enhancing Enamel Defects Diagnosis Using 3D Educational Models: A Randomized Clinical Trial
Marco Paschoal, Australia
9. Molar Substitution in MIH: From Compromise to Proactive Approach on Form and Function
Kimberly Patterson, USA
10. More Than a Tooth Defect: Periodontal and Microbiological Implications of MIH
Kimberly Patterson, USA
11. Assessment of Gelatinolytic Activity in Teeth with Molar-Incisor Hypomineralization: A Pilot Study
Heloisa Rodrigues Vischi, Brazil
12. Resin Infiltration as an Enamel Reinforcement Strategy Prior to PMMA Crown Cementation in a Severely Affected Molar with Molar-Incisor Hypomineralization: A Case Report
Heloisa Rodrigues Vischi, Brazil